**56. Audiology (Original)**

1. 数据库网址

http://archive.ics.uci.edu/ml/datasets/Audiology+(Original)

2. 数据库描述

【1.[数据集名称]数据集由[机构名或人名]采集；】The data used in our experiments were collected by Professor Jergen at Baylor College of Medicine.【2.用于[什么实验目的]】We used this base to classify the audiology.【3】This database does NOT use a standard set of attributes per instance. All attributes are nominally valued, as case identifier, classification (24 classes) , List of case features. And the format form f(v) should be read as "feature f has value v".【4】The database has 5620 samples, respectively belong to traing with 200 samples and testing with 26 samples. The categories can be as shown in Table 1.

Table 1 Category Distribution of dataset [根据数据库绘制]

|  |  |  |
| --- | --- | --- |
| Training | Testing | Total Number of Samples |
| 200 | 26 | 226 |

3. 精简描述

The Data in our experiment were collected by Professor Jergen at Baylor College of Medicine. The dataset includes have 226 samples, which used to classify the audiology. Through which, we divided the dataset into two part, training data set with 200 samples and forecasting data set with 26 samples.